

Listing of Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

1-55. Cancelled

56. (Currently Amended) A breathable film comprising ~~a blend of~~ a thermoplastic polymer[,] and a filler blended with and silica nanoparticles, wherein said silica nanoparticles have a diameter of about 500 nanometers or less and a negative first Zeta Potential from about -1 to about -50 millivolts, said silica nanoparticles being modified with a metal ion to form modified silica nanoparticles, said metal ion selected from the group consisting of copper ion, silver ion, gold ion, iron ion, and combinations thereof, wherein said modified silica nanoparticles comprise a second Zeta Potential being at least about 5.0 millivolts higher than said negative first Zeta Potential.

57. (Previously Presented) The breathable film of claim 56, wherein the filler comprises at least 35% by weight of said breathable film.

58. (Previously Presented) The breathable film of claim 56, wherein the filler comprises from about 45% to about 65% by weight of said breathable film.

59. (Previously Presented) The breathable film of claim 56, wherein the filler has an average particle size of about 0.1 microns to about 10 microns.

60. (Previously Presented) The breathable film of claim 56, wherein the filler is coated with a fatty acid.

61. (Previously Presented) The breathable film of claim 56, wherein the filler is selected from the group consisting of calcium carbonate, clays, silica, alumina, barium sulfate, talc, magnesium sulfate, titanium dioxide, zeolites, aluminum sulfate, cellulose powders, diatomaceous earth, gypsum, magnesium sulfate, magnesium carbonate,

barium carbonate, kaolin, mica, carbon, magnesium oxide, aluminum hydroxide, pulp powder, wood powder, cellulose derivatives, polymeric particles, chitin, chitin derivatives, and combinations thereof.

62. (Previously Presented) The breathable film of claim 56, wherein the filler comprises calcium carbonate.

63. (Previously Presented) The breathable film of claim 56, wherein said negative first Zeta Potential is from about -1 to about -20 millivolts.

64-66. Cancelled

67. (Previously Presented) The breathable film of claim 56, wherein said film has a WVTR of at least 300 g/m²/day.

68. (Previously Presented) The breathable film of claim 56, wherein said film has a WVTR of at least 500 g/m²/day.

69. (Previously Presented) The breathable film of claim 56, wherein the surface area of said silica nanoparticles is at least 100 m²/g.

70. (Previously Presented) The breathable film of claim 56, wherein the surface area of said silica nanoparticles is at least 200 m²/g.

71. (Previously Presented) The breathable film of claim 56, wherein the surface area of said silica nanoparticles is at least 500 m²/g.

72. (Previously Presented) The breathable film of claim 56, wherein the thermoplastic polymer is a polyolefin.

73. (Previously Presented) The breathable film of claim 56, wherein said metal ions are adsorbed onto said silica nanoparticles to form said modified silica nanoparticles.

74. (Previously Presented) The breathable film of claim 56, wherein said metal ions are bonded to said silica nanoparticles via coordinate bonds, covalent bonds, or mixtures thereof to form said modified nanoparticles.

75. (Previously Presented) The breathable film of claim 56, wherein said metal ions are coupled to said silica nanoparticles with an organofunctional silane to form said modified silica nanoparticles.

76. (Currently Amended) A breathable film comprising ~~a blend of~~ a thermoplastic polymer[,] and a filler[,] and blended with nanoparticles, wherein said nanoparticles have a diameter of about 500 nanometers or less and a positive first Zeta Potential from about 1 to about 70 millivolts, said nanoparticles being are modified with a metal ion to form modified nanoparticles, wherein said modified nanoparticles comprise a second Zeta Potential being at least about 5.0 millivolts lower than said positive first Zeta Potential ~~a positive first Zeta Potential from about 1 to about 70 millivolts.~~

77. (Withdrawn) The breathable film of claim 76, wherein said nanoparticles are alumina nanoparticles.

78. (Canceled)

79. (Withdrawn) The breathable film of claim 76, wherein said metal ion is selected from the group consisting of permanganate ion, chlorite ion, persulfate ion, and combinations thereof.

80. (Withdrawn) The breathable film of claim 79, wherein said metal ion is permanganate ion.

81. (Previously Presented) The breathable film of claim 76, wherein said metal ions are adsorbed onto said nanoparticles to form said modified nanoparticles.

82. (Previously Presented) The breathable film of claim 76, wherein said metal ions are bonded to said nanoparticles via coordinate bonds, covalent bonds, or mixtures thereof to form said modified nanoparticles.

83. (Previously Presented) The breathable film of claim 76, wherein said metal ions are coupled to said nanoparticles with an organofunctional silane to form said modified nanoparticles.

84. (Currently Amended) A personal care product comprising an outer cover, said outer cover comprising a breathable film and having a WVTR about 500 g/m²/day or greater, said breathable film comprising a ~~blend of a~~ thermoplastic polymer[,] and a filler[,] and blended with nanoparticles, wherein said nanoparticles have a diameter of about 500 nanometers or less and selected from the group consisting of silica, alumina, and combinations thereof, wherein said nanoparticles are modified with a metal ion to form modified nanoparticles.

85. (Previously Presented) The personal care product of claim 84 further comprising a nonwoven fabric laminated to said breathable film.

86. (Previously Presented) The personal care product of claim 84, wherein the personal care product is a diaper.

87. (Previously Presented) The personal care product of claim 84, wherein the personal care product is an adult incontinence product.

88. (New) The breathable film of claim 56, wherein said breathable film is formed by coextruding said thermoplastic polymer with said blend of filler and silica nanoparticles.